

# DIVAKAR HEBBAR

Los Angeles, CA

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## Education

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### UCLA Anderson School of Management

Master of Science in Business Analytics (MSBA)

Courses include: Optimization, Prescriptive Models, Data Management, Machine Learning, Customer and Competitive Analytics.

Los Angeles, CA

Expected Dec 2019

### Sri Jayachamarajendra College of Engineering

Bachelor of Engineering in Electronics and Communication

Mysore, India

Jun 2013

## Technical Skills

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**Languages:** Python, C, SQL, R.

**Software:** Microsoft Excel, Microsoft PowerPoint, Tableau, Jupyter Notebook, Git, RStudio, Docker, D3.js, Looker, Gurobi.

**Packages:** Scikit-learn, NumPy, Pandas, Matplotlib, TensorFlow, Keras, SQLAlchemy, Statsmodels, Seaborn, Bokeh, Gurobi.

**Specialties:** Regression, Classification, Optimization, Machine Learning, Data Visualization, GLM, Clustering, Deep Learning, Statistical Inference, Time Series Analysis, Web scraping, Segmentation, A/B Testing, Bayesian methods.

**Database/Data warehouse:** MySQL, PostgreSQL, MariaDB, Snowflake, Alouma.

**Computing platforms:** Amazon AWS, AWS SageMaker, GCP.

## Professional Experience

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**Grid Dynamics, Inc.** (A consulting firm focused on Tech, Retail, and Finance).

Plano, TX

### Data Scientist Intern

June 2019-Present

- Creating algorithms for processing catalog products using different data sources. Collecting, analyzing and cleaning data.
- Developing machine learning models and creating workflow for deploying models into production.

**Systech Solutions, Inc.** (Technology, Data and Analytics consulting firm).

Los Angeles, CA

### Data Science and Analytics Intern

Mar 2019-June 2019

- Involved in modeling and end-to-end cloud deployment of models (AWS) for pitching the ideas to new clients.
- Implemented recommender system on AWS SageMaker and built a front-end application using Flask to give a full-fledged demo to the client.

**City of Los Angeles**

Los Angeles, CA

### Data Science Volunteer

Nov 2018-Present

- Leveraging machine learning, geospatial analysis, and A/B testing to draw actionable insights on the impact of supportive services offered by The Housing Authority of the City of LA.

**Robert Bosch Engineering and Business Solutions**

Bangalore, India

### Senior Engineer

2016 - 2017

- Developed Python libraries to automate vehicle diagnostics which reduced the human efforts significantly.
- My role included the following phases of product lifecycle: Requirement Gathering and Analysis, Software Design and Implementation, Functional and Unit Testing, Integration.

**Aptiv (Formerly Delphi Automotive)**

Bangalore, India

### Software Engineer

2013 - 2016

- Developed software for Birds' Eye View (BEV) which provides 360-degree view of a car. Languages used: C, Python.
- Helped my organization win a multi-million dollar project from an Indian car manufacturer by successfully integrating the BEV product into their SUV car and giving a demo to the higher level executives.
- Led software development for five vehicle platforms and three car manufacturers. Coordinated with Chinese counterparts for timely release of software for customers. Hold weekly meetings with all stakeholders to keep track of the projects.

## Analytics Projects and Experience

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### Boston Consulting Group (BCG) GAMMA Data Case competition

- Provided data-driven recommendations at BCG's LA office to address the challenges that a retail client is facing and to return the firm to a profitable growth.
- Won 2<sup>nd</sup> prize among 13 teams from UCLA, USC, and other universities based out of Los Angeles.

### Accenture/City of LA Datathon

- Analyzed payroll data of City of LA using Python and built a predictive model for 2018 payroll based on historical data.
- Designed an interactive Tableau dashboard to provide recommendations for increasing operational efficiency.